Communication Devices

We've got the business world talking

ERICSSON

Communication systems that talk business

Ericsson has a way of making communication go places. So really, it is no wonder more people make and receive calls using our telephone systems than any other.

After all, we did launch the world's first GSM digital mobile phone. And we introduced our first car phone way back in 1956. So it stands to reason that we know what we're talking about.

Our communication systems are flexible, scalable and practical to the last button. Made for new and challenging ways of working, and exciting new ways of communicating - whether you're at the office or on the move. It doesn't really matter; the job gets done as you expect it to.

Talking business? Then let's talk Ericsson MD110, BusinessPhone and MD Evolution communication systems…the mouthpiece of business the world over.

Making cordless work for you

The one fact the entire business world will agree on is that time is ever critical. This makes constant accessibility very crucial to operations. At the same time, each enterprise is as unique as the manifold demands on the cordless communication that will support it.

Ericsson has pioneered the development of communication devices that will support a spectrum of working environments. Each telephone, together with its accessories has been designed and constructed to work as a well-oiled solution to individual needs.

That is why our cordless solutions have the reputation of enabling people to be in full control of their time and their environment. And enterprises to be well connected as a tight, well-informed network that is ready and available to handle clients and emerging situations effectively and speedily. Anytime and anywhere.

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Cordless Telephones

Equipped with full business functionality for high efficiency

"I work better because cordless works better for me. I like being in control of my time and my duties to my clients and colleagues."

We have as wide a range of phones as you have needs. All our phones are equipped with business-class functions like a comfortable menu interface, easy-to-read display, quick access volume keys, extensive phonebook, calling line identity and message waiting indication. You can be sure there is a phone that has been clearly designed and constructed to be the optimal solution for your unique needs – be it within the sophisticated walls of an office or at a rugged oil-refinery.

DT290

Enhanced mobility for cordless users

The DT290 cordless phone combines outstanding design with supreme sound quality. The user-friendly menu makes accessing the wide range of features simple and straightforward. The integrated loudspeaker on the back of the phone offers you hands free functionality for conference calls or when both hands are needed.

Highlights:

- The outstanding design highlights the impression of a perfect business tool.
- The hands free speaking function offers supreme sound quality and makes calling even more convenient.
- The built in vibrator alarm discretely alerts the user of incoming calls.

DT290 cordless telephone accessories

Desktop charger

To be used for charging and storing the handset. The tilted design facilitates the use of hands free operation, i.e. in loud-speaking mode. The charger comes with plug-in power supply and is connected into an ordinary wall socket. Four country specific versions are available.

Power adapter

Connects the Desktop Charger to the mains outlet and can be separately ordered as a spare. Four country specific versions are available.

Carrying Case

The carrying case is a stylish case that protects the DT290 cordless phone. The case is made of genuine leather. The clip can rotate 180° for convenient wearing.

Security clip

The security clip can be attached to a belt and will present the phone from dropping on the floor. The phone easily slides into the security clip where a click mechanism secures the phone. To release the phone press the two buttons on either side of the security clip.

Rack charger

The wall-mounted rack charger and its power supply are a modular system which enables a number of installation configurations.

Power supply for rack charger

Equipped with a voltage range from 85V to 286V. Each power supply can support several rack chargers with four positions for handsets and/or batteries in each rack. The power supply comes without a mains cable since installations may differ substantially.

DT590

Communicate from anyplace within an enterprise

The DT590 cordless phone offers the most demanding customers advanced state-of-the-art technology and full business functionality. The outstanding quality of this phone is immediately evident to you through its sturdy design, superior sound quality and excellent coverage using 2 internal antennas.

Highlights:

- Modern, ergonomic design promotes usage in different environments and is easy to hold over long phone conversations.
- Phonebook for 1000 downloadable and 100 user entries.
- Large LCD screen is easy to read in any location and operation is simple and straightforward.
- Supports sending and receiving of SMS messages.

DT590 cordless telephone accessories

Desktop charger

To be used for charging and storing the handset. The tilted design facilitates the use of hands free operation, i.e. in loud-speaking mode. The charger comes with plug-in power supply and is connected into an ordinary wall socket. Four country specific versions are available.

Power adapter

Connects the Desktop Charger to the mains outlet and can be separately ordered as a spare. Four country specific versions are available.

Carrying case

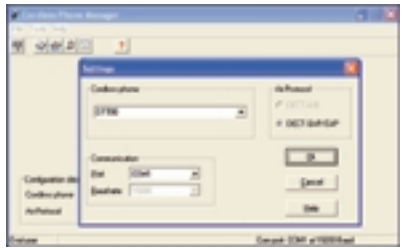
A stylish case made of genuine leather that protects the DT590 cordless phone. The clip can rotate 180° for convenient wearing.

Cordless Phone Manager end user version

Comprises of an interface cable between the 9-pin RS232 connector on the PC and the 2.5mm headset connector on the DT590 cordless phone, together with a CD of the CPM software program.

Highlights:

- Download of company phonebook of max. 1000 entries.
- Up and download of user phonebook of max. 100 entries.
- Download of ringing melodies in RTTTL format max. 10 melodies.
- Download of startup screen in BMP format - 101x81 pixels.

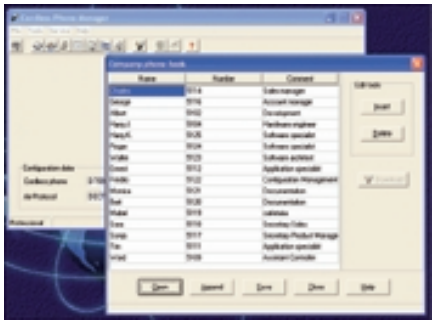


Cordless Phone Manager professional version

Comprises of an interface cable between the 9-pin RS232 connector on the PC and the 2.5mm headset connector on the DT590 cordless phone, together with a CD of the CPM software program.

Highlights:

- Download of company phonebook of max. 1000 entries.
- Up and download of user phonebook of max. 100 entries.
- Download of ringing melodies in RTTTL format – max. 10 melodies.
- Download of startup screen in BMP format - 101x81pixels.
- Download of PBX related settings.
- Download of new cordless phone software.
- Download of additional language.
- Generation of service forms.



Interface cable

It is possible to order the cable between the RS232 connector of the PC and the 2.5mm headset connector of the DT590 separately as a spare.

Portable Hands free

Provides full hands free calling with excellent sound quality. The portable hands free consists of a small earplug and a microphone on a cord. The cord is designed to not swing freely and comes integrated with a toggle on/off switch for control over calls.

Headset profile

Comfortable office use headsets with audio plug connected directly to the phone's headset. The headset comes together with a headband, toggle on/off switch, ear hook and ear loops of various sizes. These headset parts can be used in various combinations, making the headset suitable for left- or right-handed operation.

Headset protector

Designed for hands free operation in special environments where extra noise cancellation is necessary. The headset protector consists of two ear shells held together by a comfortable, extra wide, well-padded headband. The microphone incorporates dynamic differential noise cancelling and the microphone boom has 'quick positioning' and easy 4-way adjustment switch for answering calls.

Security clip

Easily attachable to a belt, with a click mechanism that secures the phone and prevents the DT590 cordless phone from falling.

Battery pack

A spare Lithium Ion battery with 850mAh capacity.

Spare clips

A set of 15 spare clips.

Battery doors

A set of 15 spare battery doors.

Rack charger

The wall-mounted rack charger and its power supply are a modular system which enables a number of installation configurations.

Power supply for rack charger

Equipped with a voltage range from 85V to 286V. Each power supply can support several rack chargers with four positions for handsets and/or batteries in each rack. The power supply comes without a mains cable since installations may differ substantially.

DT4X2 series and DT430 ATEX

Hardworking phones for hardworking people

"When the going gets rough, it's nice knowing I will be able to count on my tough handset to keep me in contact."

The cordless phones in the DT4X2series and the sturdy DT430 are built for the demands of a truly wireless communication world. They will ensure you reliable access to vital information anywhere, anytime. Indeed these are the telephones for people working in factories, hotels and hospitals or any workplace where people are constantly on the move and need to make contact with just the touch of a button.

DT412

Two in one – messaging and cordless telephones.

Highlights:

- Robust, dustproof, waterproof IP64-classified.
- Large, scratchproof, mechanically protected display.
- Illuminated display and keypad.
- SIM card for identity and personal settings.
- Up to ten modes with personalized settings.
- 3 programmable soft keys for each mode.
- Sending/ receiving messages (SMS).

DT422

Three in one – personal alarm, messaging and cordless telephones.

Highlights:

- Roust, dustproof, waterproof, IP64-classified.
- Push-button alarm.
- No-movement, man-down alarms are standard.
- Large, scratchproof, mechanically protected display.
- Illuminated display and keypad.
- SIM card for identity and personal settings.
- Up to ten modes with personalized settings.
- 3 programmable soft keys for each mode.
- Sending/ receiving messages (SMS).

Main functions in the DT4X2 series:

Function	DT412	DT422	Function	DT412	DT422
SIM card with phone book	Yes	Yes	SMS (Short Message Service)*	Yes	Yes
Vibrator	Yes	Yes	Data Send*	Yes	Yes
Microphone on/off during call	Yes	Yes	Data with prefix*	Yes	Yes
Loud speaking	Yes	Yes	Personal alarm*	–	Yes
Headset connector	Yes	Yes	Alarm with Data*	–	Yes
Messaging*	Yes	Yes	Location*	–	Yes
Acknowledge*	Yes	Yes	Man-down & No-movement alarm*	–	Yes
Interactive messaging*	Yes	Yes			

* System dependent feature (requires messaging server)

DT4X2 cordless telephone accessories

Desktop charger

To be used for charging and storing the handset. The tilted design facilitates the use of hands free operation, i.e. in loud-speaking mode. The charger comes with plug-in power supply and is connected into an ordinary wall socket. Three country specific versions are available.

Rack charger

To be used for charging the handsets and/or spare batteries. The wall-mounted charging rack and its power supply are a modular system which enables a number of installation configurations.

Power supply for the rack charger

Equipped with a voltage range from 85V to 286V. Each power supply can support several rack chargers with four positions for handsets and/or batteries in each rack. The power supply comes without a mains cable since installations may differ substantially.

Battery adapter for rack charger

Built especially for charging spare batteries so that, for example, shift workers can use extra batteries and limit the downtime of their handsets.

SIM card programming set

The set includes a SIM card reader and a CD containing software and documentation. This SIM card can be used in another DT4X2 cordless phone without the loss of personal data. The first shipments of the SIM card programming set will be Ascom branded. The set will be Ericsson branded with the SP13 model and onward.

Battery pack NiMH

Powered by NiMH batteries and has a capacity of 550mAh, which allows a speech time of eight hours and a standby time of 80 hours when the alarms are disabled. When the alarms are enabled, the speech time is five hours and standby time is 40 hours.

Security string

Measuring 800mm long, the security string is made of polyester and is to be attached to the cordless handset as a prevention against theft and loss.

Belt clip, hinge type

A sturdy clip connected with a screw to the cordless phone.

Belt clip, swivel type with leather buckle

This belt clip allows the cordless phone to rotate freely in a lock that is attached to your clothing. A leather buckle enables the swivel clip to be attached even on a belt.

Leather case and belt clip with leather extension

An additional protection for your handset especially in dusty, polluted environments. The leather case has a transparent front and offers a good view of the display and keypad. The case is easy to clean.

Headset with microphone on boom

An ergonomically designed headset with excellent speech quality. The microphone integrates a boom for use in high-noise environments like call centers. The headset is not IP-classified.

Headset with microphone in the cable

This practical earpiece with microphone integrated in the cable is excellent for use with cellular phones. This headset is not IP-classified.

Adaptor for Peltor headsets

This adaptor enables the use of headsets with hearing protection that is handy in high-noise environments. In extremely high-noise environments, Peltor headsets with built-in amplifiers are recommended.

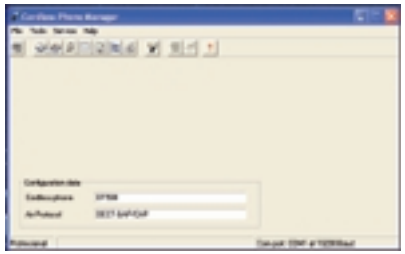
SIM card, standard programmed

For use when one phone is to be shared among several users. The card carries all personal settings such as phonebook, identity, alert signal and defined functions of the Soft and Hot keys.

Protection plug for headset connector

This spare rubber plug protects the headset jack from dirt and moisture. It is IP64-classified.

Desktop programmer



To be used for downloading DT4X2 software. The programmer comes with power supply and CD with the necessary software and documentation for downloading of software from a PC into the handsets.

DT430 ATEX

Intrinsically safe in potentially hazardous environments. DT430 ATEX complies with directive 94/9/EC or ATEX 100A.

Highlights:

- Large, sturdy buttons and a clear LCD display facilitate ease of use.
- Calling line ID allows callers to be identified in the display before you answer.
- One-touch dial enables the ten most frequently called numbers to be dialed at the press of a button.
- Built-in personal phone book holds up to 75 quick-dial entries.
- Personal data like subscriptions, telephone book and personal settings can be stored on an interchangeable SIM card, making the process of changing handsets a lot easier.
- Talk time of up to 100 hours.

DT430 cordless telephone accessories

Desktop charger

This desktop charger takes one hour to fully charge a drained DT430 cordless phone. It is also able to charge spare batteries.

EX-Battery Pack NiMH

The pack is used in potentially hazardous areas and features an integral screw locking. It is IP64-classified.

Belt Clip

Hinge type that clips onto a pocket or edge of clothing.

Click-On Belt Clip

A really smart way of having your handset with you wherever you go.

Leather Case

For added protection, this leather case comes with a transparent front panel and click-on belt clip.

Security Chain

The security chain, approximately 80cm long, attaches to a hinge type belt clip and will protect your phone if you drop it.

A concise comparison of cordless phones:

	DT590	DT290	DT412/DT422	DT430***
Display	5 rows 101x80 pixels	2 rows 2x12 characters	6 rows 128x64 pixels	2 rows 2x12 characters
Weight	131 g	139 g	140 gr	195
Dimensions (LxWxD)	143x53x26	142x54x25	134x60x27	142x51x21
Battery type	Li-Ion	NiMH	NiMH	NiMH
Talktime (hours)	20	17	8*	10
Stand-by (hours)	140	140	80*	100
Charge time (hours)	4	4	1	1
Ringer volume	9 levels	7 levels	5 levels	5 levels
Ringer melody	24	10	5	10
Earpiece volume	10 steps	9 steps	4 steps	4 steps
Last number redial	20	20	20	10
Last received messages	10	–	20	10
SIM Card	–	–	•	•
Language selection	11+1	17	11	11
1880-1900 MHz frequency bands	•	•	•	•
1900-1920 MHz frequency band for China	•	•	–	–
1910-1930 MHz Frequency band for Latin America	•	•	–	–
Locally stored numbers	1000+100	100	100	75
*Central Phone book access***	•	–	•	–
Messaging	•	–	•	•
Alarm button, no-movement options	–	–	DT422 only	•
Vibrator	•	•	•	–
Handsfree/loudspeaking	•	•	•	–
Headset connector	•	–	•	–
Integrated PBX features	•	–	–	–
Software upgradeable	•	–	•	•
Backlit Display	Bright white	Green	Bright white	Green
Backlit Keypad	–	–	•	•

- • Applicable
- – Not applicable
- * If alarms are activated, the talktime/standby time is 8h/60
- ** Phonebook entries can be retrieved from a large corporate phonebook as stored on a DECT SMS message server
- *** The DT430 complies with directive 94/9/EC or ATEX 100A

Dialog 4000 Digital System Telephones

"It's amazing how effective you can be with a reliable and advanced telephone system in your hands. Now I have a distinct competitive advantage."

Surely you want to be as cost-effective and efficient as possible. One of the best assets you can have to help you along is a communication system. To bring out the best in your Ericsson business communication system, you need the Dialog 4000 series of digital telephones. Their advanced call-handling functions and potential for computer-telephony applications bring modern communications to every workplace, vastly improving efficiency and customer service.

The Dialog 4000 digital telephones combine outstanding features with advanced engineering and superior ergonomics. Environmentally sound design features have been

the cornerstone in the Dialog 4000 design process, making for industry-leading environmental performance.

The Dialog 4000 family of telephones lead the way into the future for enterprise communication. There are five models in this family of telephones that include 'Lite', 'Office', 'Professional', 'Operator and the multi-featured 'Vision'.

Highlights:

All the telephones incorporate:

- Latest technology and advanced engineering of electronic and mechanical design.
- Full graphic displays. Displays are capable of showing text in different font styles as well as graphical icons.
- Prepared for easy maintenance and software upgrade.
- High-quality audio performance and advanced solutions like full-duplex hands free with Acoustic Echo Cancellation (AEC) (Except for Dialog 4220 Lite, Dialog 4222 Office and MD110 Operator model Dialog 4224 Operator).
- Improved and easy installation of telephones and accessories. Key panels can be plug-mounted without screws and telephones to support fast installation.
- Integrated headset port and functionality. Headsets can be directly plugged into Dialog 4000 digital telephones and switching between handset and headset can easily be done with a dedicated key. (Except Dialog 4220 Lite).
- Industry-leading design and slim profile that make them not only stylish, but ergonomically sound as well. Distinctive and timeless classic design makes your telephone investment last for many years.
- Environmentally sound materials and components are used and power consumption is further reduced. Dialog 4000 digital telephones are fully recyclable. All plastic parts are marked for recycling purposes.
- Features that enable you to upgrade to more advanced phones, add accessories or expansion options. This potential for upgrading makes it a sensible long-term investment.
- Enhanced user-friendliness with improved functionality and human interface. The LEDs marking the keys and the LCD graphical displays are easy to read, keeping users informed about call status and messages from other extensions.
- For people with impaired hearing the handset and headset volume can be extra amplified.
- Handset cords can be connected to the left or right side of the telephone.

Setting the standard on environmental performance.

In designing the Dialog 4000 digital telephones, great attention has been given to ensuring that the telephones are environmentally sound throughout their entire life cycle.

- All plastic parts in the telephones are completely free from brominated flame retardants.
- It is compulsory for our suppliers to comply with Ericsson's list of Banned and Restricted Substances. In this way, we ensure that our telephones do not contain hazardous materials.
- The Dialog telephones have been constructed to minimize on energy consumption throughout the production phase. We also ensure low waste during production.
- Ericsson incorporated a defined recycling procedure when designing the Dialog telephones. All major plastic parts bear material identification. The markings are easily visible during dismantling and disassembly. For simple recycling all labels are made of a material that is compatible with supporting material.
- All telephone cords are PVC-free. Alternatively, Poly-Urethane cords are used which are of high quality and also environmentally sound.
- We have worked on developing the Dialog telephones to be highly energy effective. Power consumption has never been at a lower level than on these telephones.
- The telephone terminals are constructed to comply with the White House Executive Order on standby power mode.
- Ericsson use recyclable paper material for packaging the telephones. We insist that no plastic material whatsoever should be used.

Dialog 4220 Lite

Reliability that comes with superior digital voice quality

This compact, cost-effective model meets all basic telephony needs. The Dialog 4220 Lite is specifically designed for customers who want traditional voice functions with superior digital voice quality. It is also a robust convenience phone for visitor or service areas.

Highlights:

- 10 function keys with LED.
- You can assign keys to your desired functions, such as message-waiting, call diversion, callback or voicemail access.
- Keys are available for call transfer and programming.
- On-hook dialing.
- Loud speaking function. The loudspeaker and the handset can be simultaneously active.
- Associated LEDs help keep track of ongoing, parked or unanswered calls.
- All programmable function keys can be labeled by the user.
- Adjustable foot console.
- Easy to mount on wall.
- Hearing-aid compatibility.

Functions include:

- Clear function to disconnect call without replacing the handset.
- Mute function to disconnect the handset microphone and to interrupt ring signal or silent ring function.
- Volume control for incoming voice on both loudspeaker and telephone receiver.
- Call transfer to other extensions.
- Call diversion.
- Message-waiting indicator.
- Call back.
- Dial-by-name/speed dialing.

Dialog 4222 Office

Everyday communication with a difference

The Dialog 4222 Office is a desktop telephone with virtually all of the features you need in the office. It is user-friendly with full functionality for complete communication needs and equipped with integrated headset port.

Highlights:

- Features a flexible graphical two line display.
- Key panel port for connection of 1 extra key panel with 17 LED keys.
- Programmable ringer, loudness and tone character.
- Possibility to connect a headset directly to the telephone. Switching between handset and headset can easily be done with a dedicated key.
- Supports hands free speaking.
- Supports loud speaking function. The loudspeaker and handset can be simultaneously active.
- The Dialog 4222 Office has 10 function keys with LED.
- Associated LEDs help keep track of ongoing, parked or unanswered calls.
- All programmable function keys can be labeled by the user.
- Adjustable foot console.
- Easy to mount on wall.
- Hearing-aid compatibility.
- Supporting option unit port for connecting external devices.

Functions include:

- Clear function to disconnect calls without replacing the handset.
- Mute function to disconnect the handset, headset and hands-free microphone and to interrupt ring signal or silent ring function.
- Headset function key to control headset or handset usage.
- Volume control for incoming voice on both loudspeaker and telephone receiver.
- Call transfer to other extensions.
- Call diversion.
- Message-waiting indicator.
- Call back.
- Dial-by-name/speed dialing.

Dialog 4223 Professional**

Sheer sophistication with advanced features at your fingertips

This multi-featured professional model supports advanced system functions.The Dialog 4223 Professional is ideal for use in secretarial supervision configurations, key systems and traditional Call Center (ACD) group functions.

Four additional Soft Keys provide an easy user interface for accessing different menu options. The Soft Keys change their function dynamically depending on the telephone status. These dynamic Soft Keys make it very convenient to access enhanced features like directories, voice mail etc.

Highlights:

- Features a flexible graphical three line display. The display can be tilted.
- Supports full duplex hands free speaking with Acoustic Echo Cancellation (AEC).
- Supports loud speaking function. The loudspeaker and handset can be simultaneously active.
- Programmable ringer loudness and tone character.
- Possibility to connect a headset directly to the telephone. Switching between handset and headset can easily be done with a dedicated key.
- 10 function keys with LED.
- All programmable function keys can be labeled by the user and have LEDs to help keep track of calls and activated functions.
- 4 soft keys.
- Up to four additional key panels can be attached. (17 programmable function keys each).
- Adjustable foot console.
- Easy to mount on wall.
- Hearing-aid compatibility.
- Support option unit port for connecting external devices.
- Functions include:

- Volume control for incoming voice on both loudspeaker and telephone receiver.
- Clear function to disconnect call without replacing the handset.
- Mute function to disconnect the handset, headset and hands-free microphone and to interrupt ring signal or silent ring function.
- Headset function key to control headset or handset usage.
- Call transfer to other extensions.
- Call diversion.
- Message-waiting indicator.
- Call-back.

** Converts to an operator's terminal with one key panel when used together with MD Evolution.

Dialog 4224 Operator*

The MD110 and BusinessPhone operator telephones that make sound sense

The Dialog 4224 Operator telephones are specifically designed for the needs of operators working with MD110 and BusinessPhone PBXs. They are designed to provide them with full switchboard access and functionality.

Dialog 4224 Operators support advanced system functions that are required for operator configurations. The keys that are used most frequently have been enlarged and positioned with a comfortable space in between to grant fast and secure operation.

Highlights:

- Flexible graphical five line display. The display can be tilted.
- Programmable ringer loudness and tone character.
- Possibility to connect a headset directly to the telephone. Switching between handset and headset can easily be done with a dedicated key.
- 12 function keys with LED.
- 4 large Clear and Speech keys with LED.
- 1 large Answer/Extend key.
- Adjustable foot console.
- Support option unit port for connecting external devices.
- Functions include:

- Mute function to disconnect the hand set and hands-free microphone.
- Headset function key to control head set or handset usage.
- Call transfer to other extensions.
- Call diversion.

* Not applicable for MD Evolution

Dialog 4224 Operator for MD110

A large, flexible graphical five line display offers well-structured information layout.

This is where the status and call information are presented. The display and key texts are easy to read and understand. The keypad uses a conventional numeric keypad and single access to all traffic handling functions.

Highlights:

- Dedicated user interface for operators.
- The operator can choose between five different languages to be displayed.

Dialog 4224 Operator for BusinessPhone

The dynamic Soft keys are optimized for fast, efficient operation and information access. Moreover, a large flexible graphical five line display offers a well-structured information layout.

Functions include:

- Dedicated user interface for operators.
- Active hook switch possible.
- Supports full duplex hands free speaking with Acoustic Echo Cancellation (AEC).
- Supports loud speaking function. The loudspeaker and handset can be simultaneously active.

- All programmable function keys can be labeled by the user and have LEDs to help keep track of calls and activated functions.
- Up to four additional key panels can be attached, each with 17 programmable keys.
- 4 Soft keys.

Additional functions include:

- Volume control for incoming voice on both loudspeaker and telephone receiver.
- Message-waiting indicator.
- Call-back.
- Dial-by-name/speed dialing.
- Clear function to disconnect call without replacing the handset.

Dialog 4225 Vision

The ultimate in advanced enterprise communication for the MD110 system

This multi-featured top model supports advanced system functions that are ideal for demanding and executive office usage. Furthermore, extra high quality hands free speaking function that offers full duplex and Acoustic Echo Canceling (AEC) makes this phone extremely suitable for telephone meetings and conference calls.

By using the navigation keys in combination with soft keys, the user can easily access a display menu with a number of system features such as phone book, call list, diversion, absence reason, etc.

Highlights:

- 10 extra programmable keys compared to the Dialog 4223.
- Large, six-line graphical display.
- Three navigation keys and four soft keys.
- Superior high-quality hands free s peaking function offering full duplex and Acoustic Echo Canceling (AEC).
- Headset can be connected directly to the integrated headset port and controlled by a dedicated headset key.
- Up to four extra key panes and an optional unit for external equipment can be easily connected.

A concise comparison of Dialog digital phones:

	Dialog 4220 Lite	Dialog 4222 Office	Dialog 4223* Professional	Dialog 4225 Vision
Graphical Display (pixels)	–	128x25	240x39	320x80
Tiltable display	n/a	–	•	•
Programmable Keys	5	5	7	17
LEDs	12	13	13	23
Navigation keys	–	–	–	3
Soft-keys	–	–	4	4
Line access	2	2	2	2
Inquiry Key	1	1	1	1
Transfer key	•	•	•/softkey**	•/softkey**
Clear function	•	•	•	•
Headset Key	–	•	•	•
Message-Waiting indicator	•	•	•	•
Mute function/Silent ringing	•	•	•	•
Loudspeaking	•	•	•	•
Hands-free Speaking	–	•	•	•
Connection for extra key panel	–	1	4	4
Volume control	•	•	•	•
Programmable Ringer volume and tone character	•	•	•	•
Option unit Connection	–	•	•	•
Adjustable console base	•	•	•	•
Wall mountable	•	•	•	•

* Converts to an operator's terminal with one key panel when used together with MD 110 Evolution.
** Softkey in MD110 BC12, ELU28 R3A line board

Operator features

The table below shows the Operator features of the Dialog 4224 Operator in BusinessPhone and MD110 respectively. For the MD Evolution system platform, the Dialog 4223 and Key Panel Unit is used as the operator terminal:

Features	Dialog 4224 Operator for BusinessPhone	Dialog 4224 Operator for MD110
Graphical display	•	•
Tiltable display	•	•
Key Panel Units	4	–
Function Keys with LED' s	19	19
Dial by name/speed Dialing	3	–
Hearing Aid compatibility	•	•
Dynamic soft keys	4	–
Option unit support	•	• (for extra bell only)
Hands free speaking (AEC)	•	–
Loudspeaking	•	–
Programmable ringer, loudness and tone character	•	•
Large traffic keys	•	•
Large speech keys with LED	•	•
Mute Function	•	•
Headset function key	•	•
Volume control	•	•
Active hook switch	•	–
Adjustable foot console	•	•
Acoustic chock protection	•	•

Dimensions* and weight

	Dialog 4220 Lite	Dialog 4222 Office	Dialog 4223 Professional	Dialog 4225 Vision	Key panel
Length (mm)	231	231	231	234	226
Width (mm)	159	159	204	240	64
Height (mm)	102	102	102	102	90
Weight (g)	627	670	837	978	222

* all values in non-tilted position of display and lowest position of feet

Dialog 4000 IP Telephones

"Yesterday I had a telephone in my hand…today I have a powerful information source. It's amazing!"

Now is the time for IP communications to take your business to new heights of achievement. And all it takes is for you to migrate on your existing PBX. The Dialog IP series of telephones include the Dialog 4422 IP Office and the Dialog 4425 IP Vision telephones. These are both fully featured IP telephones that harness the combined power of your data network and the Ericsson communication system to deliver superior voice quality even as you enjoy all the benefits from the exciting world of IP.

Dialog 4422 IP Office

This phone offers excellent sound quality and outstanding features with superior ergonomics. It is also built with superior environmentally-sound features. Users will benefit from the built-in hearing aid support and acoustic shock protection that the phone incorporates. Most importantly perhaps, the Dialog IP Office is the phone that will enable you to simply and inexpensively migrate towards IP.

Features:

- Built-in mobility by free seating allowing any IP telephone user to log on to any IP telephone.
- Easy-to-use Internet (Web) browser interface enables users to fix their own telephone settings like editing a phone book, or determining a function key, etc., directly from a PC.
- Supports upgrading from a server that allows for easy maintenance and future enhancements of functionality.
- Offers survivability support for users in a branch office environment.
- Built-in switch enables the Dialog IP Office to share a LAN connection with the desktop PC.

Additional features:

- The Dialog IP Office is a feature-rich IP telephone that is well suited as a convenience phone in public/service areas.
- A built-in loudspeaker enables users to execute voice monitoring, like listening to tele-services (voice response systems, news, etc.).
- The landing gear feet enables users to adjust the Dialog IP Office and the two-line display for different lighting conditions.
- An integrated headset port allows a headset to be plugged directly into the phone, with switching between headset and handset controlled by a dedicated key.
- Dialog IP Office features 10 function keys.

Highlights:

- Built-in 2-port Ethernet switch supports sharing of a LAN cable/port with a PC.
- Built-in free seating for user mobility (log on and call).
- Built-in headset port with dedicated headset switching key.
- Built-in Power over LAN support as according to IEEE 802.3af).
- Built-in Web server enables PC-based phone setting via a Web browser.
- Built-in hearing aid support and acoustic shock protection.
- Graphical display.
- Function keys.
- Call list (local).
- Multi-codec support.
- QoS support.
- Branch office survivability support with automatic backup gatekeeper registration/deregistration.

Dialog 4425 IP Vision

The Dialog IP Vision offers excellent sound quality together with ergonomically outstanding features. And obviously, environmentally-sound design has been the cornerstone with developing this phone. Users will benefit from the built-in hearing aid support and acoustic shock protection that the phone incorporates. Most importantly perhaps, the Dialog IP Vision is the phone that will enable you to smoothly and effectively migrate towards IP.

Features:

- Built-in mobility by free seating allowing any IP telephone user to log on to any IP telephone.
- Easy-to-use Internet (Web) browser interface enables users to fix their own telephone settings like editing a phone book, or determining a function key, etc., directly from a PC.
- Supports upgrading from a server that allows for easy maintenance and future enhancements of functionality.
- Offers survivability support for users in a branch office environment.
- Built-in switch enables the Dialog IP Office to share a LAN connection with the desktop PC.

Additional features:

- The Dialog IP Vision is a multi-featured IP telephone that supports advanced system functions and thus makes it ideal for demanding and executive office usage.
- The landing gear feet and an adjustable six-line graphical display enable the phone to be adjusted for all types of environments and lighting conditions.
- Telephone features and system functions are easily accessible using an intuitive menu in the display and assisted by soft keys.
- Users can access and view the content of the Internet (WML-based) pages opti mized for mobile devices on the tele phone display.
- The advanced hands free speaking function makes the Dialog IP Vision perfect for telephone meetings and conference calls in small meeting rooms.
- The integrated headset port allows a headset to be plugged directly into the telephone, with the switching between the headset and the handset controlled by a dedicated key.
- Dialog IP Vision features 20 function keys. All programmable function keys have associated LEDs and can be labeled by the user.

Highlights:

- Hands free speaking with full duplex and Acoustic Echo Cancellation (AEC).
- Adjustable six-line graphical display.
- 4 soft keys, 3 navigation keys, and up to 20 function keys. (Programmabale are system dependent)
- Phone book (local).
- Built-in WAP browser that enables access to WML Internet pages

Dialog IP telephones features:

	MD110	BusinessPhone
Account code (before start of call)	Yes	Yes
Authorization code	Yes	Yes
Automatic Backup Gatekeeper (registration & deregistration)	Yes	Yes
Automatic call-back	Yes	Yes
Automatic Gatekeeper (discovery and registration)	Yes	–
Call Diversion (MD110: Personal number, Repeated individual diversion)	Yes	Yes
Call pick up	Yes	Yes
Call transfer	Yes	Yes
Call waiting	Yes	Yes
Caller ID	Yes	Yes
Conferencing (Multi-party)	Yes	Yes
CSTA support	Yes	Yes
Fault mans ring back	Yes	–
Follow me	Yes	Yes

	MD110	BusinessPhone
Free on 2nd line	Yes	–
Free seating	Yes	Yes
General cancellation	Yes	–
Group Hunting (internal)	Yes	Yes
Hot line	–	Yes
Hotel guest room telephone	–	Yes
Inquiry	Yes	Line key
Intrusion	Yes	Yes
Line Access	2	1
Message waiting indicator	Yes	Special dial tone
Name identity	Yes	Yes
Night service	Yes	Yes
Parking	Yes	Yes
Personal number	Yes	–
Reminder service	–	Yes
Repeated individual diversion	Yes	–
Soft-keys for Dialog 4425	Yes	Yes
Tandem	–	Yes

Dialog 4000 telephones Accessories and Spare Parts

Each and every of the Dialog 400 digital system telephones is built to be modular, which makes it easy for users to plug in accessories and replace parts by themselves.

Ericsson Dialog Headset 200

A complete range of headsets, available in monaural and binaural models. See page 42 and 43.

Key panel

Comes with 17 extra-programmable keys and associated LEDs. Can be connected on all Dialog 4000 except for Dialog 4220 Lite and Dialog 4224 Operator Model for MD110.

Software and papers

Telephone Tool box including Designation Card Manager (DCM) software and user guides/quick reference guides in PDF format.

Online Tutorial for BusinessPhone:

Computer Based Training for all phones also includes user guides. Designation Card Kit consisting of CD-ROM with DCM and pre-cut papers.

Option Unit

Comes with support for busy signal or external bell

Handset with or without Press-to-Talk key

Handset with inductive couple hearing aid. Comes without cord.

Handset and terminal cords

The cords are designed to fit all telephones in the Dialog 4000 family. The cords have modular plugs at both ends.

Pull-out leaf board

This is so the number directory can be mounted under the telephone.

Terminal foot

Foot telephones to be used when desk instruments are needed

Dialog 3310 ISDN Telephone

The Dialog 3310 is a fully featured digital phone for both business and home users.

The Dialog 3310 has a menu-driven user-friendly set-up that provides rapid access to ISDN services. Simple programming makes the phone quick to install and easy to use. It connects to the ISDN network via the S0 interface, in addition to being Euro-ISDN compatible.

Dialog 3310 has the highly-appreciated Dialog 3000 design that integrates seamlessly into the MD110 installations with Dialog 3200 and 3100. Dialog 3310 is not only stylish, but ergonomically sound as well. The 2 x 20 alphanumeric LCD display is able to be tilted at four angles and shows the time, date, menu and the called party's number.

Telephone features

- Simultaneous voice and data communication
- 2 x 20 alphanumeric character display showing time, date, menu and the called party's number
- 20 function keys, of which 5 are menu keys, 9 are dial-by-name keys, 5 have fixed functions and one is a redial key
- Volume control for handset receiver and l loudspeaker
- Programmable ringer level and tone
- Mute key with LED indicator to disconnect microphone
- Scrolling function
- 9 dial-by-name keys that can be labeled by the user
- Call duration display
- Multiple subscriber number with LED indicator and ring tone
- Programming lock with 5-digit PIN code
- Retrieval and redial of the last three numbers dialed
- Toggle between two calls
- English, German or French user menu
- Phone book to store up to 50 memory location with name and phone number
- Room monitoring (babysitting) function
- Do-not-disturb function (phone silent)
- Up/down select functions according to the menu

- Call blocking (partial/global)
- Listen-in while connection is established, monitor loudspeaker
- Idle mode display messages
- Inquiry call
- Time and date setting
- Loudspeaker
- DTMF dialing/KEYPAD sending selectable

ISDN Services

- Display of calling party's number (CLIP) and name (if listed)
- Calling line identification restriction (CLIR)
- Call rejection with number storage
- Three multiple-subscriber numbers (MSN)
- Call-waiting (CW)
- Advice of charge (AOC)
- Call hold/retrieve
- Three-party service (3PTY)
- Call forwarding: *Unconditional (CFU):* all calls forwarded
  Busy (CFB): calls forwarded only when the line is busy
  No reply (CFNR): calls forwarded when there is no answer
- Terminal portability (TP)
- Automatic time and date
- Supports point to multi-point

Technical data

Permanent memory storage until changed by user

Restricted power, single terminal mode switch

Dimensions and weight
225 x 195 x 85mm
915g

Color	Light gray
Microphones	Electret
Receiver	Dynamic
Loudspeaker	Dynamic
Tone ringer	9 levels and 8 tones

Transmission
Handset mode
SLR: 7 ±3,5 dB
RLR: 3 ±3,5 dB

Volume control:
–12 dB to +10 dB

Signaling
EURO-ISDN

Environmental

Operation	+5 to +40°C
Storage	–20 to +70°C

Please note that many features are system-dependent.

Analog Telephones
Dialog 3100

"I am always sure that things will work as I want it to when I reach out for a Dialog telephone…it's been doing so for years".

The Dialog 3100 series analog telephones are renowned the world over for their award winning design and durability. On top of which these highly user-friendly phones will deliver a standard of performance and reliability that will endure the test of time.

Dialog 3100 telephones are specifically built to be compatible with any analog extension of an Ericsson or other PBX. This makes them a versatile tool for your business communications, both now and well into the future.

All the phones come with a host of features that are advanced and yet simple to handle.

They are available as basic, medium and premium models to fit the different needs of your organization and maximize the efficiency of your staff.

Dialog 3100 series highlights:

- Call-handling productivity is enhanced by last-number redial, an adjustable ring signal, volume control, mute button.
- Suitable for desktops or wall mounting.
- Handset cord can connect to either the left- or right-hand side of the phone.
- Adjustable console base.
- Adjustable ringer loudness and tone.
- Hearing-aid compatibility.
- Exchangeable cords.
- Mute function to disconnect the handset microphones.
- Last-number redial.
- LED indicator for mute function.
- Programming key

Dialog 3105 MW

The smart choice

Standard features as listed above, with the additional Message Waiting (MW) function. This model is equipped with message waiting LED on the front casing. In cases where no MW function is required (e.g. residential applications), the switch can easily deactivate the MW function.

Dialog 3145 MW

Dialog 3145

A sound investment

Standard features that are listed under 'Dialog 3100 series highlights',

plus:

- 10 dial-by-name keys
- LED indicator for monitored loudspeaker.

Dialog 3145 MW

The solid workhorse

Standard features that are listed under ‘Dialog 3100 series highlights’
plus:

- 10 dial-by-name keys.
- LED indicator for monitored loudspeaker.
- This model is equipped with message waiting LED on the front casing. By a switch, at the bottom, it is possible to select the pinning of the Message Waiting circuitry.

Dialog 3145
Dialog 3145 MW

Dialog 3146 Hotel

The phone tailor-made for the hotel business.

A telephone designed for use in hotels, the Dialog 3146 is equipped with a line output for connecting a computer via a modem and has a message waiting LED on the front casing. By a switch, at the bottom, it is possible to enable or disable the “program key” function. This feature useful when one wants to avoid the user from altering the dial-byname memory contents (i.e., hotel room guests)

Dialog 3146 Hotel

Highlights:

- Hotel guests have a choice of three different tone characteristics and three sound levels.
- The programming key can be locked so that guests cannot use it.
- Monitored loudspeaker function.
- Message waiting indication LED.
- Volume control for incoming voice on both loudspeaker and telephone receiver.
- 10 dial-by-name keys.
- Line output for a modem connection.
- Lockable program key.
- R-key with flash.

Dialog 3185/Dialog 3185 MW

It sets the standard

The most advanced telephone in the Dialog 3100 series. The two-way, hands free loudspeaker and the handset render exceptional sound quality. Together with advanced features, such as LCD display with date, clock and call duration timer, this analog phone meets the highest standards of business communication. This model is also available with message waiting LED on the front casing as option.

Dialog 3185
Dialog 3185 MW

Highlights:

- Volume control for the handset and loudspeaker.
- R-key with flash and earth modes.
- Message waiting indication LED.
- Mute function to disconnect the handset and hands-free microphones.
- 20 dial-by-name functions on 10 keys (2 memory functions per key).
- LCD display with date and clock.
- Call duration timer.

Dialog 3100 Analog Telephone features:

(Use this handy matrix to find the telephone to suit your needs).

	3105 MW	3145/MW	3146 Hotel	3185/MW
Mute function	•	•	•	•
Hearing-aid compatibility	•	•	•	•
Adjustable ring signal	•	•	•	•
Volume control for the handset	•	•	•	•
R-key	•	•	•	•
Lockable programming key	–	–	•	–
Tone or pulse dialing	–	–	–	•
Temporary switch to tone dialing	–	–	–	•
Last number redial	•	•	•	•
Message-waiting LED	•	–/•	•	–/•
Dial-by-name keys	1	10	10	2 x 10
Monitor loudspeaker	–	•	•	–
Analog line output for PC	–	–	•	–
Hands-free speaking function	–	–	–	•

• Yes
– No

Dialog analog telephones specifications

Voice transmission Transmitting and receiving loudness rating according to ETSI requirement

Dimensions* and weight

	3105 MW	3145/MW	3146 Hotel	3185/MW
Length (mm)	227	233	233	233
Width (mm)	160	194	194	194
Height (mm)	86	86	86	86
Weight (g)	650	850	850	850

Line network For public or private analog lines only

* all values in non-tilted position

Analog Telephones Dialog 4000

"Now I have all the performance and reliability I need to be able to move my business ahead. And it begins with having the right communications as a business tool…"

The Dialog 4000 Analog telephones have been specifically built to offer the ultimate in performance and durability. That's why more and more businesses are relying on them as their most invaluable business tools. These telephones connect to analogue extensions of business or public telecommunications systems to offer advanced features for effective communication.

Highlights

- All Dialog 4000 Analog telephones come specially designed to fit into any environment whether a service area, hotel room, an office or a home.
- All Dialog 4000 Analog telephones embody unbeatable ergonomic details designed to deliver maximum comfort and practical usability.
- All Dialog 4000 Analog telephones incorporate all the quality and functionality necessary for making communications both simple and highly reliable.

Highlights

- Message waiting LED (switch controlled).
- 4 programmable function keys (including a key for Message waiting).
- Last number redial for fast last number access.
- Mute function switches off the microphone.
- R-key (with flash 100 ms)
- Tone dialing (DTMF).

Dialog 4106 Basic

The classic telephone with a sound platform of features.

This is the ideal telephone for use in office, visitor or service areas or even as an extra telephone at home.

Dialog 4147 Medium / Hotel

The versatile telephone that easily adapts to different user demands.

No matter where, when or how you choose to use this telephone, you can be sure of its practical functionality and efficiency.

Highlights

- Message waiting LED (switch controlled).
- 16 programmable, lockable function keys (8 keys with 2 functions per key).
- Last number redial.
- Loudspeaking.
- Headset support (with a dedicated key).
- Extra line interface/data port for connection of PC/modem or fax.
- R-key (with flash 100/600 ms).
- Tone dialing (DTMF).
- Loudspeaking function.

Dialog 4186 High

Take advantage of the most advanced telephone in the series.

This is the telephone that is sophisticated and yet extremely user friendly and practical. It incorporates a range of features designed to make business or home communications as effective as possible.

Highlights

- Message waiting LED (switch controlled).
- 20 programmable, lockable function keys (10 keys with 2 functions per key).
- Last number redial (20 dialed numbers).
- Headset support (with dedicated key).
- Extra line interface/data sport for connection to PC/modem.
- R-key (with flash 100 ms that is reprogrammable to 1-999ms).
- Tone dialing (DTMF).
- 2*24 alphanumeric display (tiltable).
- Handsfree speaking function.
- Local phone book with 50 positions.
- Alarm clock function with alerting signal.
- Call duration timer.

Dialog 4000 Analog telephones specifications

Dialog	4106	4147	4186
Length (mm)	231	231	234
Width(mm)	159	159	240
Height(mm)*	101	101	102
*Weight** (g)*	620	630	820

* All values with display in non-tilted position.

** Including base unit, handset cable, handset and feet.

Dialog 4000 Analog telephones prerequisites

- Message waiting (MW) function requires an ELU30 board in MD110 and ELU-A2 or MFU boards in BP250 or CPJ5/CZ13/EPB6H5 in MD Evolution.
- Line network for public or private Analog lines only.

Dialog 4000 Analog telephones ringers

D4106 – 3 tone characters and 3 volume steps + switched off.

D4147 – 5 tone characters and 3 volume steps + switched off.

D4186 – 10 tone characters and 3 volume steps + auto + switched off.

Dialog 4000 Analog telephones color

All telephones are delivered in light grey. Dialog 4147 is available in dark grey also.

Use this matrix to select the telephone most suitable for your needs:

	Dialog 4106	Dialog 4147	Dialog 4186
Mute function	•	•	•
Hearing–aid compatibility	•	•	•
Adjustable ring volume and tone	•	•	•
Volume control for the handset	•	•	•
Integrated headset support	–	•	•
Volume control for headset and loudspeaker	–	•	•
Register recall-key	•	•	•
Pause key (insert pause in speed dialing no.)	•	•	•
Programmable function keys	*4*	*2*8*	*2*10*
Lockable programmable function keys	–	•	•
Last number redial	•	•	•
Message-waiting key with LED	•	•	•
Monitoring	–	•	•
Loudspeaking	–	•	•
Handsfree speaking function	–	–	•
Alarm clock function with alerting signal	–	–	•
Extra line interface/data port	–	•	•
Tone dialing (DTMF)	•	•	•
Adjustable display	–	–	•
Display of clock and date	–	–	•
Pre-dialing (dialing like on mobile/cell phone)	–	–	•
Integrated telephone book/directory	–	–	•
Call duration timer	–	–	•
Wall mountable	•	•	•
Exchangeable handset and cord	•	•	•

Dialog Headsets

*"I concentrate better and am able to get a lot more work done…
I personally think it's an ingenious invention!"*

Consider the freedom of having the use of both hands while working on your computer, taking notes or simply reaching for that misplaced sheet of paper. That's what the Dialog Headset offers you – the ability to perform multiple tasks while talking comfortably and more efficiently on the telephone.

Frequent telephone users, for example those who work with telemarketing, at call centers and even help-desk personnel will find that Dialog Headsets to be absolutely essential to their productivity and ergonomic well-being. At the same time, less frequent users will appreciate the utter freedom and comfort of hands-free mobility.

Dialog Headsets provide optimum wearer comfort and help reduce muscular strain to the back, neck and shoulders. That is why it is the best solution possible when it comes to relieving work-related fatigue and increasing call-handling productivity.

The Dialog Headsets contain monaural and binaural models that are lightweight and come with well-cushioned earphones. They also render excellent voice quality and come with sophisticated noise-canceling microphones for reducing distracting background noise.

Dialog Headsets are designed and adjusted for use with Ericsson's Dialog 4000 family of telephones and operator consoles. Choose your headsets according to your work function, environment and compatibility with the telephone equipment that's used. We recommend you refer to the matrix for guidance.

Dialog Headsets Series

A monaural headset with flexible microphone boom designed for reception desk personnel or users who need to interact with others while taking calls. Comes with noise-canceling microphone.

RLF 321 210/2 small-size earpieces

RLF 321 212/1 large-size earpieces

A binaural headset that facilitates total concentration in noisy environments. Flexible microphone boom. Comes with noise-canceling microphone.

RLF 321 211/2 Small-size earpieces.

RLF 321 212/2 Large-size earpieces.

A comfortable monaural headset with fully adjustable and removable headband for a secure fit. It can also be worn over the ear. Comes with noise-canceling microphone.

1/RLF 321 205/1

Amplifier/switchbox for Dialog headsets

Highly recommended for amplifying the sound level of Dialog 3200 telephones (not included in the standard package).

Features:

- Suitable for use when switching between the headset and the handset, in addition to amplifying the sound.
- Three modular jacks (4/4): one that connects to the telephone set and the other two for connection to the hand set and headset.
- A short cable with modular plugs (4/4) for connection to the telephone set.
- 1.5 V battery (alkaline type, cadmium free).

2/RLF 321 201/1

Dialog headsets:

Use the matrix below to select the head that best suits your needs.

Headset order no.	Call center	Operator	Receptionist	Very noisy environment	Business enviroment
1/RLF 321 205/1	•	•	•	–	•
RLF 321 210/2	•	•	•	–	•
RLF 321 212/1	•	•	•	–	•
RLF 321 211/2	•	•	–	•	–
RLF 321 212/2	•	•	–	•	–

Dialog headsets specifications:

In compliance with EU, US and Australian legal requirements:

All of Ericsson Dialog Headsets 200 fulfill:

- EU directives for EMC and LVD.
- UL standard for safety and CISPR standard for EMC.
- ACA standards for safety, voice frequency and CISPR for EMC.

Color:

All Dialog headsets are black in color.

Environmental endurance data:

Operation temperature and relative humidity

Ambient temperature during operation
–10 to +45°C

Relative humidity
10% to 90%

Compatibility:

All headsets are compatible with the Dialog 3000 and Dialog 4000 series of telephones and the DGF 22010.

Package contents:

- Cord with quick disconnect and 4-pole modular (MMP) plug.
- Clothing clip.
- Microphone windshield foam.
- Click-on headband (1/RLF 321 205/1).
- Click-on ear loop (RLF 321 210/2 and RLF 321 211/2).
- Click-on leatherette ear cushions (RLF 321 212/1 and RLF 321 212/2).
- Headset holder.
- Instruction manual.

Accessory package contents:

Accessory packages are available for all headset models and include:

- Headset holder.
- Clothing clip.
- Microphone windshield foam.
- 1 click-on headband (1/RLF 321 205/1).
- 2 click-on ear loops and 2 leatherette ear cushions (RLF 321 210/2 and RLF 321 211/2).

Environmental Performance

Substances – Ericsson Communication Devices comply with Ericsson's policy on the use of banned and restricted substances.

End of Life Treatment – All the plastic components used are marked for easy recycling. The batteries used in the cordless phones are rechargeable and made of Nickel Metal Hydride (NiMH), thereby ensuring a long lifespan and that they are easily recycled. Furthermore, Ericsson urges you to send your used equipment to an environmental treatment facility.

Note: Some products shown in this catalog may not be available in all markets. The features and functions described in this catalogue may vary depending on the hardware, software or terminals used. For more detailed information please contact your Ericsson partner.

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